

10/534780

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SEQUENCE LISTING

<110> Performance Plants, Inc.
<120> Hydroxypyruvate Reductase Nucleic Acids, Polypeptides, Promoter Elements and Methods of Use Thereof in Plants
<130> 22542-010-061
<140> PCT/IB03/06390
<141> 2003-11-18
<150> 60/427,204
<151> 2002-11-18
<160> 30
<170> PatentIn version 3.2

<210> 1
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<223> Hydroxypyruvate reductase (HPR) nucleic acid sequence

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35 40 45

Ile Leu Ser Val Glu Asp Ile Ile Asp Leu Ile Gly Asp Lys Cys Asp
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Gly Val Ile Gly Gln Leu Thr Glu Asp Trp Gly Glu Thr Leu Phe Ser
65 70 75 80

Ala Leu Ser Lys Ala Gly Gly Lys Ala Phe Ser Asn Met Ala Val Gly
85 90 95

Tyr Asn Asn Val Asp Val Glu Ala Ala Asn Lys Tyr Gly Ile Ala Val
100 105 110

Gly Asn Thr Pro Gly Val Leu Thr Glu Thr Thr Ala Glu Leu Ala Ala
115 120 125

Ser Leu Ser Leu Ala Ala Ala Arg Arg Ile Val Glu Ala Asp Glu Phe
130 135 140

Met Arg Gly Gly Leu Tyr Glu Gly Trp Leu Pro His Leu Phe Val Gly
145 150 155 160

Asn Leu Leu Lys Gly Gln Thr Val Gly Val Ile Gly Ala Gly Arg Ile
165 170 175

Gly Ser Ala Tyr Ala Arg Met Met Val Glu Gly Phe Lys Met Asn Leu
180 185 190

Ile Tyr Phe Asp Leu Tyr Gln Ser Thr Arg Leu Glu Lys Phe Val Thr
195 200 205

Ala Tyr Gly Gln Phe Leu Lys Ala Asn Gly Glu Gln Pro Val Thr Trp
210 215 220

Lys Arg Ala Ser Ser Met Glu Glu Val Leu Arg Glu Ala Asp Leu Ile
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Ser Leu His Pro Val Leu Asp Lys Thr Thr Tyr His Leu Val Asn Lys
245 250 255

Glu Arg Leu Ala Met Met Lys Lys Glu Ala Ile Leu Val Asn Cys Ser
260 265 270

Arg Gly Pro Val Ile Asp Glu Ala Ala Leu Val Glu His Leu Lys Glu
275 280 285

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290 295 300

Met Lys Pro Gly Leu Ala Asp Thr Lys Asn Ala Ile Val Val Pro His
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Pro Asn Arg Val Asp Pro Phe Leu Asn Glu Asn Ala Ser Pro Pro Asn
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attgatttgc ctttgacat aattttgtt ataatcttga ttacaaatatt tagtcagtgt 180
ttgatgcata gttgcataact gcagagttga gtttggatat ggccacgtca gcattatctc 240
gttacaaaaa cgtaaggtcc aaactcagat aatacaaacg aacgagttct ttgtcactct 300
atcatcaaca tatgaaccac accaaaaaaag aacaaaatcg tagataatga tcatgcaaaa 360
ccgaccgttg gatcttactt tcgatttcaa accacataaa tcttagtgac tgagctaaaa 420
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taatgatcat gcaaaaccga ccgttggatc ttactttcga tttcaacca cataaatctt 180
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